



**BEFORE THE PUBLIC UTILITIES COMMISSION OF THE
STATE OF CALIFORNIA**

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Order Instituting Rulemaking to Identify
Disadvantaged Communities in the San Joaquin
Valley and Analyze Economically Feasible
Options to Increase Access to Affordable Energy
in those Disadvantaged Communities.

R.15-03-010

**SOUTHERN CALIFORNIA EDISON COMPANY'S (U338-E) 2022 ANNUAL
PROGRESS REPORT ON SAN JOAQUIN VALLEY PILOT PROJECTS**

R. OLIVIA SAMAD
JOEL M. MALLORD

Attorneys for
SOUTHERN CALIFORNIA EDISON COMPANY

2244 Walnut Grove Avenue
Post Office Box 800
Rosemead, California 91770
Telephone: (626) 302- 4843
E-mail: Joel.Mallord@sce.com

Dated: December 19, 2022

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In compliance with Ordering Paragraph (OP) 15g of D.18-12-015, Southern California Edison Company (SCE) hereby submits the attached 2022 Annual Progress Report on San Joaquin Valley Pilot Projects.

Respectfully submitted,

R. OLIVIA SAMAD
JOEL M. MALLORD

/s/ Joel M. Mallord

By: Joel M. Mallord

Attorneys for
SOUTHERN CALIFORNIA EDISON COMPANY

2244 Walnut Grove Avenue
Post Office Box 800
Rosemead, California 91770
Telephone: (626) 302- 4843
E-mail: Joel.Mallord@sce.com

December 19, 2022

Attachment A

SCE 2022 Annual Report on San Joaquin Valley Pilot Projects



2022 San Joaquin Valley Pilots Annual Progress Report

December 19, 2022

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I. Summary

Southern California Edison (SCE) has administered the San Joaquin Valley (SJV) Pilot Projects (Pilot) in accordance with California Public Utilities Commission (CPUC) Decision (D.) 18-12-015.¹ The two primary objectives of the Pilot are to provide access to affordable energy by reducing total energy costs for participating households and to collect data for Phase III of this proceeding.²

The Pilot is available to SCE residential customers living in the disadvantaged communities of California City, Ducor, and West Goshen, who have an active account and have either propane and/or wood burning appliances. Customers are eligible whether they are homeowners or renters. A home assessment is completed to determine the feasibility of replacing existing appliances with new electric appliances, including identifying any potential remediation work. Pilot participants that have at least one propane appliance replaced through the Pilot are eligible to receive a monthly discount on their electric bill.³

This annual report provides information on the implementation of SCE's Pilot and how the Pilot leveraged the nine programs identified in D.18-12-015.⁴ The report includes activities performed between November 1, 2021 and October 31, 2022 by both the Community Energy Navigator (CEN) and Pilot Implementers (SJV Contractors).

II. Budget and Expenditures

The tables below summarize SCE's authorized budgets approved for implementing the Pilot and the expenditures for activities performed through October 2022. Many projects in Ducor and West Goshen have been completed, but several projects remain open, pending installations, inspections, or final permit close-out. The activities in California City have been primarily outreach and enrollment related. The Implementation budget category is solely based on completed projects paid within the reporting period.

Table 1: Southern California Edison Pilot Budget

Budget Category	Authorized Budget	2019-21 Actual Expenses	2022 Actual Expenses	Total Actual Expenses	Total % of Budget Spent
Administration	\$ 2,632,724	\$ 680,300	\$ 135,359	\$ 815,659	31%
Contingency/Remediation	\$ 1,902,636	\$ 2,479	\$ 200,357	\$ 202,836	11%
Implementation	\$ 10,119,549	\$ 259,342	\$ 1,829,091	\$ 2,088,433	21%
Total Budget	\$14,654,909	\$ 942,121	\$ 2,164,807	\$ 3,106,928	21%

¹ D.18-12-015, Decision approving San Joaquin Valley Disadvantaged Communities Pilot Projects, *available at* <http://docs.cpuc.ca.gov/PublishedDocs/Published/G000/M252/K052/252052725.PDF>

² *Id.* at p. 3

³ Resolution E-5034, resolution authorizing bill protection approaches in the San Joaquin Valley Pilot.

⁴ See D.18-12-015, Ordering Paragraph (OP) 15.

The budget categories in Table 2, below, reflect the suppliers performing similar activities across all 12 authorized Pilot communities; however, the budgets and expenditures are for activities performed within SCE service territory only. Although 96 percent of the Process Evaluator budget has been spent, the total expenditures will not exceed the authorized budget. The Process Evaluation was completed in October 2022, but the final expenditures for the evaluation were not incurred within the reporting period; therefore, expenditures will appear in next year's report. SCE continues to collaborate with Commission staff to determine the appropriate timing to conduct a solicitation for a technical expert to support the development of an Economic Feasibility Framework⁵.

Table 2: Additional Authorized Budgets

Budget Category	Authorized Budget	2019-21 Actual Expenses	2022 Actual Expenses	Total Actual Expenses	Total % of Budget Spent
Community Energy Navigator	\$ 532,100	\$ 344,599	\$ 79,427	\$ 424,026	80%
Process Evaluator	\$ 75,000	\$ 50,947	\$ 21,159	\$ 72,106	96%
Economic Feasibility	\$ 166,667	\$ -	\$ -	\$ -	0.0%

Table 3, below, reflects the 20 percent monthly bill discount that has been applied to 109 SJV Pilot participants who have replaced at least one appliance through the Pilot. Fifteen (15) participants (out of 109) had existing solar panels on their homes and are not eligible for the Transitional Community Solar Discount (TCSD). SCE will evaluate pilot participants' total energy costs savings in 2024 to determine if the 20 percent discounts will continue for an additional five years or if it should be reduced to a 10 percent discount.⁶

Table 3: Bill Protection and TCSD Budgets

Budget Category	Authorized Budget	2019-21 Actual Expenses	2022 Actual Expenses	Total Actual Expenses
Bill Protection Discount	<i>Not Applicable</i>	\$ 8,219	\$ 37,949	\$ 46,168
TCSD Discount	<i>Not Applicable</i>	\$ 5,912	\$ 29,134	\$ 35,046

A break-out of 2022 expenditures by SCE Pilot communities is captured in Table 4, below. The activities are related to the outreach and enrollments performed by the CEN and the assessment and installations performed by the SJV Contractors. As noted, the implementation amount does not include unpaid activities or projects in-progress. Also included in Table 4 is the bill protection discount provided to participating customers.

⁵ See D.18-12-015, OP 22.

⁶ Resolution E-5034 issued December 23, 2019 directed SCE (and PG&E) to host a workshop to collaborate on a methodology to model pre-pilot propane costs. This workshop will occur 120 days before commencing the bill protection evaluation, which should start three years and six months after the first household receives its first monthly bill discount.

Table 4: Community Level Expenditures (2022 Only)

Budget Category	Ducor	West Goshen	California City	Total
Implementation	\$ 404,508	\$ 1,424,583	\$ -	\$ 1,829,091
Contingency/Remediation	\$ 33,653	\$ 1,666,704	\$ -	\$ 200,357
Community Energy Navigator	\$ 25,923	\$ 23,590	\$ 29,914	\$ 79,427
Bill Protection Discount	\$ 12,083	\$ 25,866	\$ -	\$ 37,949
Transitional Community Solar Discount	\$ 9,117	\$ 20,017	\$ -	\$ 29,134

III. Progress on Implementation of SCE's Pilot Projects

In 2022, the Pilot has completed several electrification projects. Although the Pilot has overcome challenges and continued to make progress, the pandemic continues to impact the Pilot's pace. SCE is focused on completing electrification projects while prioritizing the safety and well-being of our customers and contractors. The following sections will highlight the activities that occurred throughout the Pilot implementation process.

Outreach and Enrollment

The outreach and enrollment activities performed by the CEN during July-October 2022 were primarily in California City. The focus has been to build awareness about the Pilot and other leveraged programs while attempting to enroll customers in the SJV Pilot.

In July, flyers were distributed to the community inviting residents to attend a meeting to learn about the SJV Pilot, the services, the process, and other programs that may be available. Multiple outreach activities were performed in-person and phone call attempts were made in advance of door-to-door outreach. Direct mailers were sent to potential participants explaining the Pilot and introducing the CEN as the point of contact. See Appendix A – for samples of marketing materials used in California City.

The CEN expressed concerns regarding the number of unresponsive residents and vacant properties in California City. For this reason, a real estate agent was contacted to gain additional insight, and the agent advised that there are properties in this area that are used as temporary housing by individuals stationed at a local military base. Nonetheless, the CEN will continue to make additional efforts to increase the number of participants.

Although the outreach and enrollment phase concluded in the communities of Ducor and West Goshen at the end of December 2021, there were a few residents that expressed an interest and were enrolled in 2022. However, most of the CEN activities within these two communities have focused on maintaining communication with the participants and SJV contractors on the progress of the installation projects pending completion.

Overall, the CEN has made significant efforts to reach all eligible residents but has only been able to complete applications for 43 percent (or 191 out of 449 residents). As shown in Table 5 below, the conversion of a completed application to a home assessment is 68 percent (or 129 out of 191 applications) and the conversion of a completed assessment to a complete project is 82 percent (or 106 out of 129).

Table 5: Summary of Pilot Progress

Community	# of Eligible HH	# of HH: Residents Reached	# of HH: Residents Not Participating	# of HH: Completed Applications	# of HH: Completed Assessments	# of HH: Completed Projects
Ducor	222	163	84	79	58	45
West Goshen	127	127	30	97	70	61
California City	100	114	99	15	1	0
Total	449	404	213	191	129	106

There are currently 16 applications pending a home assessment appointment or development of the project scope by the SJV contractors and about 23 projects in-progress (e.g., pending electrical panel upgrades, procurement of product, and permit requirements). Also, there were 46 customers that completed an application but dropped off before the assessment was completed. The most common reason given for withdrawing from the program was that the resident or landlord changed their mind, with no additional details given. Table 6, below, summarizes the number of residents who were not reachable or who chose not to participate. Many of these residents declined to participate because they were worried about the increase in the utility bill.

Table 6: Summary of Non-Participation

Community	# of HH: Unable to Reach Resident	# of HH: Resident Declined	# of HH: Landlord Declined	# of HH: All Electric	Total # of Non-Participating HH
Ducor	59	67	3	14	143
West Goshen	0	19	6	5	30
California City	55	42	0	2	99
Total	114	128	9	21	272

Assessment and Installation

The SJV Contractors have completed 106 projects out of the 129 assessments completed. The assessment is performed to determine if the home is suitable for electrification and the project scope, submitted to SCE, identifies the recommended measures and if any potential remediation work is required.

The focus for the SJV Contractors continues to be to perform the project work in a safe and timely manner while providing a positive customer experience. However, the time needed to complete a project continues to be unpredictable because of the effects of the pandemic on supply. At times, there is a lengthy period between the initial pre-installation assessment and the start of project installation due to the unavailability of product, such as heat pump water heaters, ducted heat pump HVAC systems, and electrical panels.

Approximately 98 percent (or 104 out of 106 projects) received at least one of the heat pump systems and 77 percent (or 82 out of 106 projects) have required an electrical panel upgrade from 100 amps to 200 amps to allow the installation of converting propane appliances to new electric appliances. The electrical work is coordinated between SCE's planning department and the SJV Contractor. The SJV Contractors maintain contact with customers to keep them informed of the status and timing of next steps.

As shown in Table 7, below, most projects received the heat pump HVAC unit, water heater, and induction cooking appliance. The electric clothes dryer was installed for 66 percent of projects, while the remaining homes did not have an existing dryer or were deemed not feasible because the dryer was located outdoors and exposed to the weather elements.

Table 7: Project Measures Installed

Community	# of HH: Completed Projects	Heat Pump Space Heater	Heat Pump Water Heater	Cooking Appliance	High Efficiency Clothes Dryer
Ducor	45	36	36	29	28
West Goshen	61	65	60	59	42
California City	0	0	0	0	0
Total	106	101	96	88	70

The dwelling types for SJV Pilot participants have been about 40 percent single-family homes and 60 percent mobile homes. Many of the mobile homes were on a plot of land and most were not properly registered, which prevented the SJV Contractors from obtaining permits from the California Department of Housing and Community Development (HCD) to perform the Pilot work. In addition, the heat pump water heater does not fit in the existing mobile home water heater closet and HCD permit requirements for water heater replacements state that the water heater must remain in the existing water heater closet. After meetings with HCD and other parties⁷, a solution was identified for issuing permits because these homes are not required to abide by mobile home park regulations.

The situation with these mobile homes has also identified a need for additional non-pilot funding (see Appendix B for a summary of non-pilot funding) to electrify these homes. Aside from incurring remediation costs to relocate and install a heat pump water heater, upgrading the electrical panels requires additional remediation costs. Most mobile homes require the main panel and subpanel upgraded, but costs significantly increase when trenching is necessary to run new electrical lines underground.

The SJV Pilot re-evaluates all projects with remediation costs exceeding \$20,000. In a couple of instances, SCE was able to work with the contractor and customers to identify alternate solutions to safely install as many measures as possible at reduced remediation cost and without upgrading existing electrical infrastructure. For example, there was a project that required more than \$20,000 in remediation costs and we were able to identify a solution to install all electric measures and upgrade

⁷ Mobile homes with registration and water heater issues were also encountered in Pilot communities administered by Pacific Gas & Electric (PG&E) and Richard Heath & Associates (RHA). The Pilot Administrators, Energy Division staff, and CEN collaborated with HCD to resolve the matter.

the electrical panel. Remediation costs were reduced with the assistance of the customer, which included removing a structure (e.g., shed) attached to the home and next to the meter.

However, despite the process to identify alternative solutions, two customers were unable to participate due to excessive remediation costs for the project. One project had unsafe knob and tube wiring exposed and would require entire rewiring of the home, while the second project had black mold and asbestos issues.

About 80 percent of the projects completed have required less than \$5,000, the remaining 20 percent have required non-pilot funding. As shown in Table 8, the average cost per project in the SJV Pilot is \$27,558, which are based on 106 completed projects.

Table 8: Average Cost per Completed Project

Community	Avg. Cost of Pilot Appliances	Avg. Cost of Other Measures	Avg. Cost of Remediation	Avg. Cost of Electrical Upgrades	Total Avg. Cost per Project
Ducor	\$18,192	\$0	\$2,619	\$3,370	\$24,181
West Goshen	\$21,769	\$0	\$3,321	\$5,104	\$30,195
California City	\$22,834	\$0	\$5,468	\$5,788	\$34,090
Total	\$20,189	\$0	\$3,030	\$4,340	\$27,558

Bill Impact Summary

The post-participation electric costs include the 20 percent SJV discount and 20 percent TCSD. In addition, the California Alternate Rates for Energy (CARE) or Family Electric Rate Assistance (FERA) discounts are reflected in both the pre- and post-participation costs, when applicable.

The bill impact summary in Table 9, below, is the result from all four SJV quarterly progress reports. The average monthly fuel cost prior to participation is \$307.20 and \$146.82 per month post-participation with the 20 percent discounts (a \$160.38 per month bill savings). The average monthly bill for participants after SJV Pilot treatment would have decreased to \$226.22 (a \$80.98 per month bill savings) without the 20 percent discounts.

The monthly average total fuel costs have not increased for participants with or without the 20 percent SJV discount and TCSD. The bill impacts continue to appear favorable for customers; however, no final conclusions can be made because the data is still preliminary. In 2024, SCE will evaluate pilot participants' total energy costs savings.⁸

⁸ Resolution E-5034 issued December 23, 2019 directed SCE (and PG&E) to host a workshop to collaborate on a methodology to model pre-pilot propane costs. This workshop will occur 120 days before commencing the Bill Protection Evaluation, which should start three years and six months after the first household receives its first monthly bill discount.

Table 9: Average Monthly Bill Impact

Fuel Costs ⁹	With Discounts	Without Discounts
Avg. Monthly Pre-Electric Costs	\$127.96	\$127.96
Avg. Monthly Pre-Alternate Fuel Costs	\$179.24	\$179.24
Avg. Monthly Total Fuel Costs	\$307.20	\$307.20
Avg. Monthly Post-Electric Costs	\$141.15	\$220.55
Avg. Monthly Post-Alternate Fuel Costs	\$5.67	\$5.67
Avg. Monthly Total Fuel Costs	\$146.82	\$226.22
Avg. Monthly Total Bill Impact	-\$160.38	-\$80.98

IV. Programs Leveraged

SCE has worked with the CEN and SJV Contractors to leverage existing programs that provide additional benefits and energy cost savings. Some adjustments have been made to the outreach approach to avoid confusing customers with too much information. Table 10, below, summarizes the programs leveraged and the cumulative number of customers enrolled or referred. The numbers may include non-pilot participants.

Table 10: Leveraged Program Enrollments and Referrals

Leveraged Program	Ducor	West Goshen	California City	Total
DAC-GT/CSGT	38	50	-	88
DAC-SASH	45	20	-	65
SGIP	8	6	-	14
ESA	64	80	-	144
CARE/FERA	63	83	-	146
DR DAC Pilot	13	35	-	48

Green Saver Programs

Customers that have received at least one appliance through the Pilot and do not have solar panels on their homes are eligible to receive a 20 percent TCSD until either the Disadvantaged Communities Green Tariff (DAC-GT) Program or Community Solar Green Tariff program (CSGT)

⁹ Alternate fuel (e.g., propane and wood) costs are based primarily on self-certified information provided by pilot participants. Participants were encouraged but not required to provide copies of receipts to validate the costs provided.

becomes available. Eighty-eight (88) customers potentially meet the rules and requirements specified in D.18-06-027.

These programs are intended to enable residential customers who are unable to install solar on their roof to receive a 20 percent bill discount from utility scale clean energy or local solar project. SCE is considering no longer utilizing the previous enrollment form and instead automatically transition a Pilot participant to either the DAC-GT program or CSGT program if and when those programs become available to each community, and as applicable based on the customer's eligibility for each program.

Disadvantaged Communities Solar on Affordable Single-Family Housing Program (DAC-SASH)

The Single Family Affordable Solar Homes (SASH) and the Disadvantaged Communities SASH (DAC-SASH) programs are non-tariff programs that provide eligible customers with significant incentives for solar system installation. GRID Alternatives (GRID) is the statewide Program Administrator (PA) for both these programs.

SCE has collaborated with GRID and determined a list of Pilot participants' addresses should be provided to review and determine if customers qualify. Sixty-five (65) customers are owners that live in a single-family dwelling.

Solar on Multifamily Affordable Housing Program (SOMAH)

SOMAH provides incentives to multifamily properties. Since there have not been any multifamily housing units participating in SCE's Pilot, this program was not leveraged. Should the CEN encounter a multifamily property in California City that meets the eligibility criteria, the CEN will refer the property to the program administrator.

Self-Generation Incentive Program (SGIP)

In D.17-10-004, the CPUC created the Self-Generation Incentive Program (SGIP) Equity Budget, which allocates 25 percent of SGIP funds to provide incentives for customer-sited energy storage in disadvantaged communities and low-income communities in California. Customers eligible for Equity Budget incentives include non-profits, small businesses, educational institutions, and governments.

SCE encouraged both SJV Contractors to become authorized SGIP developers to provide a seamless enrollment and installation process when feasible. Although both SJV Contractors are authorized SGIP developers, they decided to partner with another organization to offer SGIP. Since the partnership, there have been fourteen (14) customer applications submitted to SGIP.

California Solar Initiative (CSI) Thermal program

The CSI program closed on July 31, 2020 to new applications and applicants that received a confirmed reservation have 18-months to claim their incentive. This program was not leveraged.

Energy Savings Assistance Program (ESA)

The ESA program provides no-cost weatherization services to low-income households that meet the CARE income guidelines. Energy Efficiency Measures provided include attic insulation, energy efficient refrigerators, energy efficient furnaces, weather-stripping, caulking, low-flow showerheads, water heater blankets, and door and building envelope repairs which reduce air infiltration.

SCE's SJV Contractors are existing ESA contractors and are authorized to enroll pilot participants into the ESA program and install ESA measures, when feasible. The SJV Contractors have utilized the ESA Program's self-certification approach to qualify and enroll 144 Pilot participants in ESA.

Middle-Income Direct Install Program (MIDI)

SCE does not have a MIDI Program. Therefore, this program was not leveraged.

Electric Vehicle Grid Integration Pilot (VGI) Program

Electric Vehicle Grid Integration (VGI) aligns electric vehicle charging with the needs of the grid. To do this, electric vehicles must have capabilities to manage charging or support two-way interaction between vehicles and the grid.¹⁰

SCE's Pilot will not be able to leverage VGI because the Pilot focuses on electrifying appliances within residential homes rather than electric vehicles. However, all SJV participants will be referred to SCE's website for questions about electric vehicle rebates, charging, and rate plans.

Additional Programs Leveraged

In addition to the programs listed above, SCE leveraged the following programs:

California Alternate Rates for Energy (CARE)

This income-qualified program offers eligible customers a bill discount of about 30 percent. A similar program, Family Electric Rate Assistance (FERA), reduces electric bills for qualified households by 18 percent. Both programs are offered to Pilot participants and the CEN can assist customers to complete the online application.

Demand Response (DR) DAC Pilot¹¹

SCE's DR DAC Pilot is offered to all customers that received a heat pump water heater (HPWH) through the SJV Pilot. Eligible customers can elect to allow SCE to manage their HPWH operations during demand response events throughout a specified participation period. Customers will earn up to \$175 dollars in bill credits per 12-month period for participating in the DR DAC Pilot.

Forty-eight (48) customers enrolled into the DR DAC Pilot.

¹⁰ <https://www.cpuc.ca.gov/vgi/>

¹¹ Advice Letters 3951-E/3951-E-A, SCE's Proposal for a Demand Response Pilot in Disadvantaged Communities was approved on October 25, 2019.

V. Other Pilot Components

Process Evaluation

The Pilot Process Evaluation concluded with a final presentation workshop held October 5, 2022, and a final report¹² issued October 20, 2022. Given the complexity of the SJV Pilot implementation and the differences between each of the Pilot Administrator pilots the process evaluation effort examined the end-to-end steps and organizations involved throughout the implementation process.

The Process Evaluation had two phases. Phase I aimed to provide early feedback on pilot planning, outreach, and data tracking activities. Phase I began in 2020 and concluded in May 2021. Phase II was intended to be an evaluation of the overall effectiveness of pilot design and implementation processes as well as participant barriers and customer satisfaction.

Community Energy Navigator

The following is a summary of lessons learned about the Community Energy Navigator Program Manager (CPM) role that may have not been captured within the Process Evaluation.

Although the CPM did provide outreach and enrollment across all Pilot communities, there was a lack of management oversight. The CPM training for individuals performing outreach and enrollment could include additional elements on importance of collecting complete and accurate information. In addition, the CPM did not have a quality-check process; therefore, errors, incomplete or ineligible documents were generally identified by the Pilot Administrators. Also, the CPM did not have a database to capture Pilot participation and capability to report information in a consistent format.


The hiring of individuals living in the Pilot communities appeared to have a favorable outcome when the individual was an active member of the community; however, the CPM did not provide the individuals with any guidance on time spent to enroll customers. As a result, budget was overspent because individuals would spend numerous hours and efforts performing outreach targeting the same customers.

Engagement and completion of applications was generally a positive experience for customers, but a communication gap developed after the customer application was transitioned to the SJV Contractor. Customers were not as responsive to the SJV Contractor and generally contacted the individual hired by the CPM for progress updates; therefore, it may be ideal to have a single entity perform the enrollment and installation to ensure there is a single point-of-contact for the customer.


¹² Process Evaluation Final Report, dated October 12, 2020 *is available at* <https://pda.energydataweb.com/api/view/2432/SJV%20DAC%20Final%20Research%20Plan%20101220.pdf>

Appendix A – California City Marketing Materials

Letter informing customers of the SJV Pilot and awareness of the CPM organization, along with contact information.



July 1, 2022



GO ELECTRIC WITH FREE, ENERGY-EFFICIENT APPLIANCES

Call your approved SCE contractor:
[Redacted]

Re: Service Account Number ending in [Redacted]
at [Redacted] Service Address

Dear [Redacted],

As a Southern California Edison (SCE) customer in California City, you may be eligible for our San Joaquin Valley Affordable Energy Project Pilot. Whether you own or rent your home, this pilot offers to replace your wood- or propane-powered appliances with new, energy-efficient electric models such as a heat pump system for water or space heating, induction cooking range, or electric clothes dryer.

How it works.

Our authorized energy contractor, [Redacted] will review the pilot and guidelines with you either in person or by telephone. In addition, they will help you with the application process and let you know about other energy solutions that may help lower your electricity bill.

Upon receipt of your application, a licensed installation contractor will contact you to schedule an in-home visit to assess the potential replacement of one or more of your appliances. If you qualify, we will cover the full cost to purchase and install your new energy-efficient electric appliances*.

When a contractor visits your home, they will take precautions such as using protective equipment (e.g., mask), sanitizing tools, and social distancing.

Don't delay. Call your assigned energy contractor today:
[Redacted]

This pilot is limited and available on a first-come, first-served basis. Take advantage of this unique opportunity for free, replacement appliances that may help lower your total energy cost.

Sincerely,
[Redacted Signature]
Southern California Edison

* Certain restrictions, such as electric panel capacity, size and condition of the system or appliance to be replaced, may apply.
The San Joaquin Valley Pilot is funded by California utility customers and administered by Southern California Edison under the auspices of the California Public Utilities Commission. This pilot may be modified or terminated without prior notice.
California consumers are not obligated to purchase any full fee service or other service not funded by this pilot. This pilot is available to both homeowners and renters. Renters may be required to obtain the property owner's written permission before services are delivered.

Flyer generating awareness of the SJV Pilot and promoting community meeting



NEW APPLIANCES | BETTER AIR QUALITY | ENERGY COST SAVINGS

PROJECT KICK-OFF MEETING

Join us to learn about the San Joaquin Valley Affordable Energy Project!

The San Joaquin Valley Affordable Energy Project provides access to affordable, clean and renewable energy to selected California City residents, if eligible.

This project is designed to replace propane and wood-burning appliances with energy efficient electric appliances at no cost to the participating customer*. The project offers heat pump heating and cooling system, heat pump water heater, electric cooking appliance, and an electric clothes dryer.

You may learn more about this project by visiting <https://sce.com/sjvpilot>



Heat Pump
Electric Water Heater



Heat Pump Heating
& Cooling System



Electric Stove



Electric Dryer

****Appliance brand and models may vary due to manufacturer availability****

Location:
Arts and Community Center
10400 Heather Avenue,
California City

Contact:

**Wednesday, July 13, 2022
6:00 pm**



* Certain restrictions, such as electric panel capacity, size and condition of the system, or appliance to be replaced may apply.
The San Joaquin Valley Affordable Energy Project Pilot is funded by California utility customers and administered by Southern California Edison under the auspices of the California Public Utilities Commission. This pilot may be modified or terminated without prior notice.

Letter informing customers of the SJV Pilot and awareness of in-person outreach efforts



September 19, 2022

Dear California City Resident,

This letter is to notify you that select homes in California City may be eligible to apply for our San Joaquin Valley (SJV) Affordable Energy Project, a pilot project that provides access to affordable energy to residents that do not have access to natural gas. As a Southern California Edison (SCE) customer, **you may be eligible to replace your wood- or propane-powered appliances with new, energy-efficient electric models such as induction cooking range, clothes dryer, or heat pump systems for water or space heating, all at no cost to you, regardless of whether you own or rent your home.**

According to our records, your home at [REDACTED] may be eligible to participate.

As an authorized community energy navigator contractor, our team at Self-Help Enterprises (SHE) will review the pilot and guidelines either in person or by telephone. In addition, we will help you with the application process and let you know about other solutions that may help lower your bill.

This coming **Saturday, September 24th** and on **Thursday, September 29th**, our SHE community energy navigators will be in California City conducting door-to-door outreach, inclusive of your residence, to see if your household is interested in participating in this pilot project.

Please call me at [REDACTED] or email me at [REDACTED] to learn more about the project, or if you would like to schedule an in-person appointment for either of the dates above. **This pilot is limited and available on a first-come, first-served basis, so don't miss this opportunity for free appliances that may help lower your total energy costs.**

Respectfully,

[REDACTED]

Self-Help Enterprises



Flyer about the SJV Pilot, along with CPM contact information

The San Joaquin Valley

AFFORDABLE ENERGY PROJECT



Don't miss out-space is limited to 100 households on a first come, first serve basis!

<h3>About the Project</h3> <p>Your community has been selected to participate in a pilot project that provides access to affordable, clean and renewable energy.</p> <p>The project offers to replace propane and wood-burning appliances with heat pump space and water heating systems, induction cooking appliance, and an electric clothes dryer at no cost.</p>	<h3>Who is Eligible?</h3> <p>Owners and tenants in California City, who do not have access to natural gas and live in the project area are eligible to apply.</p> <p>Income requirements apply</p>	<h3>Benefits</h3> <ul style="list-style-type: none"> No-cost Energy Efficient Appliances Energy savings & utility bill discounts In home air quality and community air quality improvements Health and safety improvements for your family
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The SJV Pilot Project offers NEW appliances at no-cost!



Heat Pump
Electric Water Heater



Heat Pump Heating
& Cooling System



Electric Stove



Electric Dryer

Appliance brand and models may vary due to manufacturer availability

Hello, I am your Energy Navigator.
I will get you started with the Affordable Energy Project!

You may contact me:

NEW APPLIANCES | BETTER AIR QUALITY | ENERGY COST SAVINGS





An EDISON INTERNATIONAL® Company





...for Education, Employment and Community Services

*Certain restrictions, such as electric panel capacity, size and condition of the system, or appliance to be replaced may apply.
 The San Joaquin Valley Affordable Energy Project Pilot is funded by California utility customers and administered by Southern California Edison under the auspices of the California Public Utilities Commission. This pilot may be modified or terminated without prior notice.

Appendix B – Summary of Non-Pilot Funding Sources

The CPM identified four non-pilot funding sources of remediation funding. Three sources were loans and the other was a grant from Self-Help Enterprises (SHE). Participating customers expressed no interest in securing a home loan for repairs exceeding the \$5,000 remediation cap. The grant provided by SHE offered an additional \$5,000 for remediation and does not require any repayment by the customer.

The Ortiz Group offered \$10,000 in Technology and Equipment for Clean Heating (TECH) Clean California initiative funding when the project involved a heat pump technology. Most of the Pilot households that exceed the \$5K remediation cap are mobile homes and the costs are related to trenching underground lines that require new conduit and electric wiring from the utility service drop to the panel.

Funding Source	Funding Type	Application Status	Funding Amount Available (\$)	Availability: End Date	Eligible Pilot Communities	HH Eligibility Requirements
Self-Help Enterprises	Grant	Open	\$100k	Until funds are exhausted	All	SJV Pilot participant
Housing Preservation Grant (HPG)	Grant or low interest loan	Closed	\$15k per home	Varies	Merced County Madera County Rural Areas	Owner-occupied; income eligibility requirements; Rural area with 20,000 or fewer people
Community Development Block Grant (CDBG)	0% interest loan/ 30 yr	Open	Up to \$100k	Varies	Merced County Madera County Rural Areas	Owner-occupied; income eligibility requirements; Rural area with 20,000 or fewer people
US Dept. of Agriculture Rural Development Single Family Housing Program (Home Repair)	Grant or 1% interest loan	Open	Varies	Varies	Rural Areas	Grants for age 62 or older with no loan payment ability; Loans for applicants with income limits determined by USDA
Ortiz Group	Cap & Trade	Open	\$600k	6/30/2023	All	SJV Pilot participants installing at least one heat pump technology measure